

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	East Germany/Soviet Bloc	REPORT	
SUBJECT	East German Requests in 1954 for Scientific-Technical Cooperation with the USSR and Satellites.	DATE DISTR.	28 January 1955
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

1. During 1954, about 1500 requests for scientific-technical cooperation with countries of the Soviet Bloc were processed by the WTZ (Office for Scientific-Technical Cooperation) in East Berlin. Only a fraction of these requests led to positive agreements in WTZ conferences with the foreign countries involved. Only a fraction of these positive agreements had been actually carried out as of 15 November 1954. 25X1
2. The following table, broken down by countries, list the approximate total number of requests, the number of approved requests, and the number of requests actually carried out as of 15 November 1954. In this table the total number of requests is higher than 1,500. This comes from the fact that the same requests are sometime made to different countries and thus overlap but are recorded by the WTZ as separate requests.

Country	Total number of requests	Approved requests	Requests Carried out
USSR	600	67	40
Czechoslovakia	400	50	35
Poland	240	35	22
Hungary	170	25	17
China	80	20	16
Bulgaria	60	15	11
Rumania	60	15	12
Albania	24	7	5
Total:	1,634	234	158

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STATE	#X	ARMY	#X	NAVY	X	AIR	#X	FBI	AEC
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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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3. As can be seen from the above table, most of the requests did not lead to agreements. The reason was that allegedly these requests could not be fulfilled by the foreign countries concerned because the technical development in question was non-existent or not yet completed. It was probable that the number of requests carried out would not essentially increase from 15 November to the end of 1954. Most of the requests not yet carried out in 1954 could not be fulfilled, ~~because of difficulties in the export of material or because developments were incomplete.~~ ~~because of difficulties in the export of material or because developments were incomplete.~~
4. The East German 1954 approved requests to the USSR for scientific-technical cooperation break down according to technical fields as follows:
 - a. Machine construction: about 25 requests. Most of the requests ~~concern~~ concern developments pertaining to machine tools and very heavy machines. Among the latter category are a number of requests concerning machines for the swaged forging of crankshafts for heavy pressing machines. The requests concerning the development of such machines include applications for inspections by German personnel of such machines in the USSR. Furthermore, there are a number of requests concerning the development of tube rolling mill equipment and tube drawing equipment. A number of requests concern the development of heavy tractors. All the requests are concerned with material on technological and construction procedures.
 - b. Heavy industry (chemistry, mining, power): about 20 requests. The requests concern the development of synthetic fibers, the construction of turbines from 5 to 15 Mega-watts, the development of generators of 20,000 kw. Other requests concern the technology of coal mining. Most requests include applications for German personnel to go to the USSR and inspect the equipment and developments concerned.
 - c. Light industry: about 10 requests. Most of them concern the development of polygraphic machines, in particular printing machines with synthetic type. Other requests pertain to the development of fully mechanized machines for the conservation of food stuffs.
 - d. Food industry: about 5 requests. These concern the methods of canning fish and the development of hardtack (Dauerkeks). Requests concerning the development of hardtack also were sent to Czechoslovakia.
 - e. The remainder of the requests apply to forestry and agriculture, ship and railroad technology. They mainly concern the development of pesticides. One request deals with the organization of a railroad dispatcher service. Another one concerns the technology of the electrical welding of ships' plates.

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5. The East German 1954 approved requests to Czechoslovakia break down to about 20 pertaining to machine construction; 20 pertaining to chemistry, mining and electric power; and the remainder pertaining to the food industry, foodstuffs and the textile and material industry. The approved requests to Poland break down into about 15 concerning machine tool and ship construction; 10 requests pertaining to chemistry, in particular the development of dyes for exterior walls of ship hulls; the remainder pertaining to coal mining. The approved requests to Rumania mainly concern crude-oil drilling equipment; and mechanical installations for crude oil production. The requests to China mainly deal with the construction of vehicles useable in tropical climates, including paint for such vehicles. There are also requests to China concerning ball bearings and steering devices for tropical climate vehicles. The requests to Bulgaria and Albania mainly concern the textile and tobacco industries.

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